IN THE CLAIMS:

Please cancel without prejudice Claims 111, 113-125, and 130.

Please amend Claim 128.

128. (Amended) The PDP of Claim ~~119~~ 112, further including a structure in which the first air vent is formed in the vicinity of one of the outermost portions, and the second air vent is formed in the vicinity of the other outermost partition, on an opposite side to the first air vent.

Please add the following newly drafted Claims 131-150.

131. (New) A plasma display panel (PDP) manufacturing method, for manufacturing a PDP comprising a front plate (10), and a back plate (20), on at least one of which discharge electrodes (12) have been arranged and on at least one of whose inner surfaces a phosphor layer (25) has been formed, the front and back plates being sealed together so that an inner space is formed therebetween, and an aging process then being performed by applying a required discharge voltage to the discharge electrodes (12) while a discharge gas is present in the inner space,

the aging process comprising:

an introducing process for introducing discharge gas into the inner space from outside; and

an evacuating process for evacuating the discharge gas from the inner space,

the introducing process and the evacuating process taking place with respect to each other to enable discharge to be produced by applying a required discharge voltage to the discharge electrodes (12) while circulating discharge gas through the inner space,

characterized in that the discharge gas introduced in the introducing process has a partial steam pressure of no more than 2.0 kPa (15 Torr), and in the aging process the discharge gas is circulated intermittently through the inner space.

132. (New) A PDP manufacturing method according to claim 131, wherein the discharge produced when a required discharge voltage is applied to the discharge electrodes (12) is divided into a plurality of discharge periods, and the introducing process and the evacuating process are performed in intervals between discharge periods, enabling the discharge gas to be circulated through the inner space.

133. (New) The PDP manufacturing method of claim 131, wherein the discharge gas introduced into the inner space is a dry gas.

134. (New) The PDP manufacturing method of claim 132, wherein the discharge gas introduced into the inner space is a dry gas.

135. (New) The PDP manufacturing method of claim 134, wherein the discharge gas introduced into the inner space is an inert gas.

136. (New) The PDP manufacturing method of claim 135, wherein the inert gas includes one of helium, neon, argon and xenon.

137. (New) The PDP manufacturing method of claim 131, wherein the introducing process introduces the discharge gas via a first air vent (65a) formed in the panel;

the evacuating process evacuates the introduced discharge gas through a second air vent (65b) formed in the panel; and

the PDP subjected to the aging process has the following structure:

a plurality of discharge spaces (30) are formed by arranging a plurality of partitions (61) to divide up the inner space between the front plate (10) and the back plate (20);

a sealing glass layer (62,64) for sealing the front plate (10) to the back plate (20) is included between the perimeters of the front plate and the back plate;

a first space (66a) connected to the discharge spaces formed by the plurality of partitions (61) is formed between first ends of the plurality of partitions and the sealing glass layer (62),

a second space (66b) connected to the discharged spaces is formed between second ends of the plurality of partitions and the sealing glass layer,

the first air vent (65a) is formed to connect with the first space (66a), and

the second air vent (65b) is formed to connect with the second space (66b),

and wherein the above structure is subject to an aging process in which the discharge gas is circulated through the discharge space by performing the introducing process by introducing the discharge gas into the first space via the first air vent, and the evacuating process by evacuating the discharge from the second space via the second air vent.

138. (New) The method of claim 137, wherein the PDP has a structure in which the discharge gas mainly flows through a plurality of gas passages (67) leading from the first space (66a) into the second space (66b).

139. (New) The method of claim 138, wherein the PDP has a structure in which a minimum distance between partition ends (63) of the plurality of partitions (61), excluding at least a partition furthest from the first air vent (65a), and the sealing glass layer (62) bordering

the first space (66a) is more than a minimum distance between the sealing glass layer (64) parallel to the partitions and an adjacent partition.

140. (New) The method of claim 138, wherein the PDP has a structure in which one part of each outermost partition among the plurality of partitions is connected with one part of the sealing glass layer (64) to prevent discharge gas from flowing into space between the outermost partitions and the sealing glass layer.

141. (New) The method of claim 139, wherein the PDP further includes a structure in which the first air vent (65a) is formed in the vicinity of one of the outermost partitions, and the second air vent (65b) is formed in the vicinity of the other outermost partition, on an opposite side to the first air vent.

142. (New) The method of claim 140, wherein the PDP further includes a structure in which the first air vent (65a) is formed in the vicinity of one of the outermost partitions, and the second air vent (65b) is formed in the vicinity of the other outermost partition, on an opposite side to the first air vent.

143. (New) The PDP manufacturing method of claim 132, wherein the introducing process introduces the discharge gas via a first air vent (65a) formed in the panel;

the evacuating process evacuates the introduced discharge gas through a second air vent (65b) formed in the panel; and

the PDP subjected to the aging process has the following structure:

a plurality of discharge spaces (30) are formed by arranging a plurality of partitions (61) to divide up the inner space between the front plate (10) and the back plate (20);

a sealing glass layer (62,64) for sealing the front plate (10) to the back plate (20) is included between the perimeters of the front plate and the back plate;

a first space (66a) connected to the discharge spaces formed by the plurality of partitions (61) is formed between first ends of the plurality of partitions and the sealing glass layer (62),

a second space (66b) connected to the discharged spaces is formed between second ends of the plurality of partitions and the sealing glass layer,

the first air vent (65a) is formed to connect with the first space (66a), and

the second air vent (65b) is formed to connect with the second space (66b),

and wherein the above structure is subject to an aging process in which the discharge gas is circulated through the discharge space by performing the introducing process by introducing the discharge gas into the first space via the first air vent, and the evacuating process by evacuating the discharge from the second space via the second air vent.

144. (New) The PDP manufacturing method of claim 131, wherein the introducing process introduces the discharge gas via a first air vent (65a) formed in the panel;

the evacuating process evacuates the introduced discharge gas through a second air vent (65b) formed in the panel; and

the PDP subjected to the aging process has the following structure:

a plurality of discharge spaces (30) are formed by arranging a plurality of partitions (61) to divide up the inner space between the front plate (10) and the back plate (20);

a sealing glass layer (62,64) for sealing the front plate to the back plate is included between the perimeters of the front plate and the back plate;

a barrier (81,82) is included between the front plate and the back plate, around the inside of the sealing glass layer;

a first space (66a) connected to the discharge spaces formed by the plurality of partitions is formed between first ends of the plurality of partitions and the barrier;

a second space (66b) connected to the discharge spaces is formed between second ends of the plurality of partitions and the barrier;

the first air vent (65a) is formed to connect with the first space; and

the second air vent (65a) is formed to connect with the second space,

wherein the above structure is subject to an aging process in which the discharge gas is circulated through the discharge space by performing the introducing process by introducing the discharge gas into the first space via the first air vent, and the evacuating process by evacuating the discharge gas from the second space via the second air vent.

145. (New) The PDP manufacturing method of claim 132, wherein the introducing process introduces the discharge gas via a first air vent (65a) formed in the panel;

the evacuating process evacuates the introduced discharge gas through a second air vent (65b) formed in the panel; and the PDP subjected to the aging process has the following structure:

a plurality of discharge spaces (30) are formed by arranging a plurality of partitions (61) to divide up the inner space between the front plate (10) and the back plate (20);

a sealing glass layer (62,64) for sealing the front plate to the back plate is included between the perimeters of the front plate and the back plate;

a barrier (81,82) is included between the front plate and the back plate, around the inside of the sealing glass layer;

a first space (66a) connected to the discharge spaces formed by the plurality of partitions is formed between first ends of the plurality of partitions and the barrier;

a second space (66b) connected to the discharge spaces is formed between second ends of the plurality of partitions and the barrier;

the first air vent (65a) is formed to connect with the first space; and

the second air vent (65a) is formed to connect with the second space,

wherein the above structure is subject to an aging process in which the discharge gas is circulated through the discharge space by performing the introducing process by introducing the discharge gas into the first space via the first air vent, and the evacuating process by evacuating the discharge gas from the second space via the second air vent.

146. (New) The method of claim 145, wherein the PDP has a structure in which the discharge gas mainly flows through a plurality of gas passages (67) leading from the first space into the second space.

147. (New) The method of claim 146, wherein the PDP has a structure in which a minimum distance between partition ends (63) of the plurality of partitions (61), excluding at least a partition furthest from the first air vent (65a), and the barrier (81) bordering the first space (66a) is more than a minimum distance between the barrier (82) parallel to the partitions and an adjacent partition.

148. (New) The method of claim 146, wherein the PDP further includes a structure in which one part of each outermost partition among the plurality of partitions (61) and one part of

the barrier (82) are connected to prevent discharge gas from flowing into space between the outermost partitions and the barrier.

149. (New) The method of claim 147, wherein the PDP has a structure in which the first air vent (65a) is formed in the vicinity of one of the outermost partitions, and the second air vent (65b) is formed in the vicinity of the other outermost partition, on an opposite side to the first air vent.

150. (New) The method of claim 148, wherein the PDP has a structure in which the first air vent (65a) is formed in the vicinity of one of the outermost partitions, and the second air vent (65b) is formed in the vicinity of the other outermost partition, on an opposite side to the first air vent.